**Form PTO-1449** (modified)List of Patents and Publications
For Applicant's Information
Disclosure Statement
(Use several sheets if necessary)

ATTY. DOCKET NO: 5628-06600

APPLICANT: Shaw et al.

FILING DATE: August 28, 2001

SERIAL NO: 09/941,168

GROUP: ~~1754~~ 1755**U.S. PATENT DOCUMENTS**

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>OK</i>	A1	2,367,384	1/1945	Tymstra et al			
	A2	2,531,396	11/1950	Carter et al.			
	A3	2,531,440	11/1950	Jordan			
	A4	2,531,427	11/1950	Hauser			
	A5	2,531,812	11/1950	Hauser			
	A6	2,552,775	5/1951	Fischer et al.			
	A7	2,622,987	12/1952	Ratcliffe			
	A8	2,658,869	11/1953	Stross et al			
	A9	2,739,067	3/1956	Ratcliffe			
	A10	2,750,296	6/1956	Curado et al.			
	A11	2,754,219	7/1956	Voet et al.			
	A12	2,767,177	10/1956	Erickson			
	A13	2,795,545	6/1957	Gluesenkamp			
	A14	2,883,356	4/1959	Gluesenkamp			
	A15	2,966,506	12/1960	Jordan			
	A16	3,027,322	3/1962	Stuchell et al.			
	A17	3,084,117	4/1963	Nahin et al.			
	A18	3,125,547	3/1964	Blatz			
	A19	3,471,439	10/1969	Bixler et al			
	A20	3,537,994	11/1970	House			
	A21	3,567,680	3/1971	Iannicelli			
	A22	3,573,944	4/1971	Gebura			
<i>OK</i>	A23	3,671,190	6/1972	Neumann			
	A24	3,691,070	9/1972	Pippen			

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Dan H. [Signature]

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Information Disclosure Statement--PTO 1449 (modified)

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>AS</i>	A25	5,248,720	9/1993	Deguchi et al			
	A26	3,764,456	10/1973	Woodhams			
	A27	3,779,933	12/1973	Eisen			
	A28	3,804,656	4/1974	Kaliski et al.			
	A29	3,843,591	10/1974	Hedrick et al.			
	A30	3,839,389	10/1974	Neuman			
	A31	3,915,867	10/1975	Kang et al.			
	A32	3,951,850	4/1976	Clocker et al			
	A33	3,974,125	8/1976	Oswald et al.			
	A34	3,977,894	8/1976	White et al.			
	A35	3,988,287	10/1976	Inokuchi et al			
	A36	4,040,974	8/9/1977	Wright et al.			
	A37	4,049,780	9/1977	Neumann			
	A38	4,053,493	10/1977	Oswald			
	A39	4,060,518	11/1977	Jeserich et al.			
	A40	4,081,496	3/1978	Finlayson			
	A41	4,087,365	5/1978	Clem			
	A42	4,105,578	8/1978	Finlayson et al.			
	A43	4,116,866	9/1978	Finlayson			
	A44	4,216,135	8/1980	Finlayson			
	A45	4,240,951	12/1980	Moll, Jr. et al.			
	A46	4,251,576	2/1981	Osborn et al.			
	A47	4,291,154	9/1981	Blount			
<i>AS</i>	A48	4,290,935	9/1981	Muraki			

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Daniel R. Sayre

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>Q</i>	A49	4,314,919	2/1982	Washabaugh et al.			
	A50	4,314,929	2/1982	Mahoney, Jr.			
	A51	4,315,828	2/1982	Church			
	A52	4,444,714	6/1982	Marensen			
	A53	4,339,391	7/1982	Hoffman et al.			
	A54	4,341,565	7/1982	Martenson			
	A55	4,349,389	9/1982	Schofield			
	A56	4,365,030	12/1982	Osward et al			
	A57	4,382,868	5/1983	House			
	A58	4,386,010	5/1983	Hildebrandt			
	A59	4,391,637	7/5/1983	Mardis et al.			
	A60	4,410,364	10/1983	Finlayson et al			
	A61	4,412,018	10/1983	Finlayson et al.			
	A62	4,431,755	2/1984	Weber et al.			
	A63	4,434,075	2/1984	Mardis et al.			
	A64	4,434,076	2/1984	Mardis et al.			
	A65	4,450,095	5/1984	Finlayson			
	A66	3,136,819	6/1984	Shapiro et al			
	A67	4,454,237	6/1984	Hoda et al.			
	A68	4,455,382	6/1984	Wu			
	A69	4,462,470	7/1984	Alexander et al.			
	A70	4,464,274	8/1984	House			
	A71	4,465,542	8/1984	Furihata			
<i>Q</i>	A72	4,465,542	8/1984	Furihata			

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>AS</i>	A73	4,472,538	9/1984	Kamigaito et al.			
	A74	4,470,912	9/1984	Bea			
	A75	4,472,538	9/1984	Kamigaito et al			
	A76	4,473,477	9/1984	Beall			
	A77	4,473,675	9/1984	Knudson, Jr. et al.			
	A78	4,480,060	10/1984	Hoda et al.			
	A79	4,500,668	2/1985	Shimizu et al			
	A80	4,508,628	4/1985	Walker et al.			
	A81	4,517,094	5/1985	Beall			
	A82	4,528, 104	7/1985	House et al.			
	A83	4,528,304	7/1985	Yoshimura et al			
	A84	4,549,966	10/1985	Beall			
	A85	4,552,712	11/1985	Ramamurthy			
	A86	4,558,075	12/1985	Suss et al			
	A87	4,569,923	2/1986	Knudson, Jr. et al.			
	A88	4,600,515	7/1986	Gleason et al.			
	A89	4,620,993	11/1986	Suss et al			
	A90	4,631,091	12/1986	Goodman			
	A91	4,640,716	2/1987	Cleland			
	A92	4,659,760	4/1987	Van der Meer			
	A93	4,664,842	5/1987	Knudson, Jr. et al.			
	A94	4,690,868	9/1987	Rice			
	A95	4,695,402	9/1987	Finlayson et al.			
<i>AS</i>	A96	4,724,098	2/1988	Kalz et al.			

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U.S. PATENT DOCUMENTS

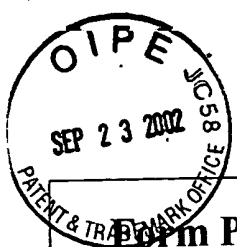
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>RL</i>	A97	4,739,007	4/1988	Okada et al.			
	A98	4,743,305	5/1988	Doidge et al.			
	A99	4,743,306	5/1988	Jepson et al.			
	A100	4,753,974	6/1988	Goodman et al.			
	A101	4,775,586	10/1988	Bohrn et al			
	A102	4,786,558	11/1988	Sumiya et al.			
	A103	4,804,703	2/1989	Subramanian			
	A104	4,810734	3/1989	Kawasumi et al			
	A105	4,876,030	10/1989	Dixon et al.			
	A106	4,889,885	12/1989	Usuki et al.			
	A107	4,990,405	2/1991	Bohrn et al.			
	A108	5,061,744	10/1991	Ogitani et al.			
	A109	5,089,200	2/1992	Chapman, Jr. et al.			
	A110	5,110,501	5/1992	Knudson, Jr. et al.			
	A111	5,151,155	9/1992	Cody et al.			
	A112	5,160,454	11/1992	Knudson, Jr. et al.			
	A113	5,164,433	11/1992	Ricci et al.			
	A114	5,164,440	11/1992	Deguchi et al.			
	A115	5,164,460	11/1992	Yano et al.			
	A116	5,248,641	9/1993	Bauer et al.			
	A117	5,310,775	5/1994	Sibilia et al.			
	A118	5,334,241	8/1994	Jordan			
	A119	5,376,604	12/1994	Iwasaki et al.			
<i>RL</i>	A120	5,385,776	1/1995	Maxfield et al.			

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE APPROPRIA
<i>AS</i>	A121	5,391,228	2/1995	Carrol			
	A122	5,514,734	5/1996	Maxfield et al.			
	A123	5,552,469	9/1996	Beall et al.			
	A124	4,623,398	11/1986	Goodman et al.			
	A125	5,574,179	11/1996	Wahl et al.			
	A126	5,576,257	11/1996	Jordan			
	A127	5,578,672	11/1996	Beall et al.			
	A128	5,616,286	4/1997	Jordan			
	A129	5,663,111	9/1997	Gadberry et al.			
	A130	5,700,319	12/1997	Bauer et al			
	A131	5,718,841	2/1998	Mardis et al.			
	A132	5,728,764	3/1998	Bauer et al.			
	A133	5,735,943	4/1998	Cody et al.			
	A134	5,739,087	4/1998	Dennis			
	A135	5,780,376	7/1998	Gonzales et al.			
	A136	5,785,749	7/1998	Knesek et al.			
	A137	5,786,417	7/1998	Ogawa et al.			
	A138	5,798,324	8/1998	Svoboda			
	A139	5,837,654	11/1998	Carroll et al.			
	A140	5,882,662	3/1999	Pahlck et al.			
	A141	5,883,173	3/1999	ElsPASS et al.			
	A142	5,900,309	5/1999	Kitamura et al.			
	A143	5,905,109	5/1999	Shimizu et al.			
<i>AS</i>	A144	5,916,863	6/1999	Iacobucci et al.			

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<i>[Signature]</i>	A145	5,919,863	7/1999	Seppänen et al.			
	A146	5,955,535	9/1999	Vaia et al.			
	A147	5,962,553	10/1999	Ellsworth			
	A148	5,977,050	11/1999	Faris			
	A149	5,989,331	11/1999	Bauer et al.			
	A151	6,025,303	2/2000	Keilhofer et al.			
	A152	6,034,163	3/2000	Barbee et al.			
	A153	6,036,765	3/2000	Farrow et al.			
	A154	6,037,315	3/2000	Franklin et al.			
	A155	6,060,549	5/2000	Li et al.			
	A156	6,074,474	6/2000	Broome et al.			
	A157	6,084,019	7/2000	Matayabas, Jr. et al.			
	A158	6,087,016	7/2000	Feeney et al.			
	A159	6,113,891	9/2000	Burdick et al.			
	A160	6,124,245	9/2000	Patel			
	A161	6,133,374	10/2000	Nam et al.			
	A162	6,136,241	10/2000	Gauckler et al.			
	A163	6,147,151	11/2000	Fukumoto et al.			
	A164	6,187,719	2/2001	Dino et al.			
	A165	6,221,831	4/2001	Emery			
	A166	6,271,298	7/2001	Powell			
	A167	US-2001-0056149-A1	12/2001	Powell			
	A168	US-2002-0002230-A1	1/2002	Farrow et al.			
<i>[Signature]</i>	A232	2,885,360	5/1959	Haden et al.			

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<i>AS</i>	A233	3,252,757	5/1966	Granquist			
	A234	3,586,478	6/1971	Neumann			
	A235	3,855,147	12/1974	Granquist			
	A236	3,954,943	5/1976	Neumann et al.			
	A237	4,033,764	7/1977	Colegate et al.			
	A238	4,454,244	6/1984	Woltermann			
	A239	4,789,403	12/1988	Rice			
	A240	5,102,948	4/1992	Deguchi et al.			
	A241	6,225,374	5/2001	Vaia et al			
	A242	5,554,670	10/1996	Giannelis et al.			
	A243	6,153,572	11/2000	Stamm			
	A250	3,666,407	5/1972	Orlemann			
	A251	6,287,992	9/2001	Polansky et al.			

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FOREIGN PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES/NO
<i>Q</i>	A169	3 434 983	9/1984	DE			
	A170	19 726 278	6/1997	DE			
	A171	0 221 225	5/1987	EP			
	A172	0 315 987	5/1989	EP			
	A173	0 204 240	5/1990	EP			
	A174	0 614 445	9/1994	EP			
	A175	0 304 782	12/1993	EP			
	A176	0 787 767	8/1997	EP			
	A177	0 798 267	10/1997	EP			
	A178	0 952 187	10/1999	EP			
	A179	1 090 954	4/2001	EP			
	A180	0 747 322	9/2001	EP			
	A181	62-252426	11/1987	JP			
	A182	06-172741	6/1994	JP			
	A183	07-207134	8/1995	JP			
	A184	07-228762	8/1995	JP			
	A185	09-067521	3/1997	JP (JP AB. ONLY)			
	A186	08-012881	1/1996	JP (JP AB. ONLY)			
	A187	08-053572	2/1996	JP (JP AB. ONLY)			
	A188	08-259846	10/1996	JP (JP AB. ONLY)			
	A189	09-194724	7/1997	JP (JP AB. ONLY)			
<i>Q</i>	A190	51-109998	9/1976	JP			

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<i>Q</i>	A191	09-175817	7/1997	JP (JPO AB. ONLY)			
	A192	09-227778	9/1997	JP (JPO AB. ONLY)			
	A193	09-087096	3/1997	JP (JPO AB. ONLY)			
	A194	09-132695	5/1997	JP (JPO AB. ONLY)			
	A195	09-202843	8/1997	JP (JPO AB. ONLY)			
	A196	09-225991	9/1997	JP (JPO AB. ONLY)			
	A197	10 881785	3/1998	JP			
	A198	11 071509	3/1999	JP (JPO AB. ONLY)			
	A199	2000086234	3/2000	JP (JPO AB. ONLY)			
	A200	920,797	3/1963	UK			
	A201	1,054,111	1/1967	UK			
	A202	1,213,122	11/1970	UK			
	A203	1,432,770	4/1976	UK			
	A204	1,439,828	6/1976	UK			
	A205	2 158 053	11/1985	UK			
	A206	83/01208	4/1983	WO			
	A207	92/19693	11/1992	WO			
	A208	93/04117	3/1993	WO			
	A209	93/04118	3/1993	WO			
	A210	93/11190	6/1993	WO			
	A245	93/11069	6/1993	WO			
	A211	97/00910	1/1997	WO			
<i>Q</i>	A212	97/17398	5/1997	WO			

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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES/NO
	A213	97/27155	7/1997	WO			
	A214	97/30950	8/1997	WO			
	A215	97/42279	11/1997	WO			
	A216	98/53000	11/1998	WO			
	A217	98/56598	12/1998	WO			
	A218	98/56861	12/1998	WO			
	A219	01/46071	6/2001	WO			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	A220	Granquist, W. T. and Pollack, S. S. "A Study of the Synthesis of Hectorite," <i>Proceedings 8th National Conference on Clays and Clay Minerals</i> , Volume 8, pages 150-169.
	A221	Fischer, E. K. Rheological Properties of Dispersions <i>Colloidal Dispersions</i> , J. Wiley & Sons LTD 1950, pp. 147-172.
	A222	Oldroyd, J. J.; "Non-Newtonian Flow of Liquids and Solids" Eirich, R. R. ed., Academy Press, <i>Rheology Theory and Applications</i> , 1956, pp. 658-659.
	A223	Searle et al., "Chemistry and Physics of Clays and Other Ceramic Materials" 3 rd Edition, p. 462-464
	A224	Takahashi et al., "Study of Synthetic Clay Minerals. Part IV: Synthesis of Microcrystalline Stevesite from Hydromagnesite and Sodium Silicate." <i>Microporous Materials</i> 1997, 9, 3542.
	A225	Tori et al., "Hydrothermal Synthesis of Novel Smectite-like Mesoporous Materials." <i>J. Porous Materials</i> , 1997, 4, 261-268.
	A226	Miyata, S. "The Syntheses of Hydrotalcite-like Compounds and Their Structures," <i>Clays and Clay Minerals</i> , 1975, 25, 369-375.

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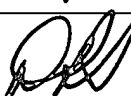
APPLICANT: Shaw et al.

FILING DATE: August 28, 2001

SERIAL NO: 09/941,168

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FOREIGN PATENT DOCUMENTS

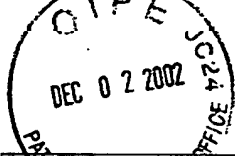
EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATIO YES/NO
	A227	Kloprogge, J. T., "Synthesis of Smectites and Porous Pillared Clay Catalysts: A Review." <i>J. Poro Materials</i> , 1998, 5, 5-41.					
	A228	Murphy, T. R., "Reinforced and Filled Thermoplastics," Industrial and Engineering Chemistry, 1966, Vol. 58, pp. 41-49.					
	A229	Zisman, W. A., "Improving the Performance of Reinforced Plastics," Industrial and Engineering Chemistry, 1965, Vol. 57, pp. 26-34.					
	A230	Dannenberg, E. M., "The Effects of Surface Chemical Interactions on the Properties of Filler-Reinforced Rubbers," <i>Journal of Rubber Chemistry and Technology</i> , 1975, pp. 410-444.					
	A231	Wang et al., "Clay-Polymer Nanocomposites formed from Acidic Derivatives of Montmorillonite and an Epoxy Resin" <i>Chemistry of Materials</i> , 1994, 6, pp.468-474.					
	A246	Cowan et al., "Adsorption by Organo-Clay Complexes," Pergamon Press Ltd., Swineford, A., <i>Ninth National Conference on Clays and Clay Minerals</i> 1960, 9, 459-467.					
	A247	Cowan et al., "Adsorption by Organo-Clay Complexes-Part 2", Pergamon Press Inc., <i>Symposium on Bentonites and Texas Uranium Deposits</i> , 1963, pp.226-235,					
	A248	Kloprogge et al., "Synthesis of Smectite Clay Minerals: A Critical Review" <i>Clays and Clay Minerals</i> , 1999, 47, pp. 529-554					
	A249	Wang et al., "PVC-Clay Nanocomposites Preparation Thermal and Mechanical Properties," <i>Polymer Preprints</i> , 2001, p. 842-843					

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**Form PTO-1449** (modified)List of Patents and Publications
For Applicant's Information
Disclosure Statement
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FILING DATE: August 28, 2001

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U.S. PATENT DOCUMENTS

EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	B1	5,464,472	11/1995	Horn et al.			
	B2	5,969,029	10/1999	Kotani et al.			
	B3	6,162,857	12/2000	Trexler, Jr. et al.			
	B4	6,287,634	9/2001	Beall et al.			
	B5	6,380,295	4/2002	Ross et al.			
	B6	6,407,155	6/2002	Qian et al.			

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EXAM. INITIALS	REF. DES	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION. YES/NO
	B7	1238353	12/1999	CN (Abstract only)			Abstract

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	B8	Oriakhi et al., "Poly(pyrrole) and Poly(thiophene)/Clay Nonocomposites via Latex-Colloid Interaction" Materials Research Bulletin, 1995, 30, pp. 723-279.					

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Information Disclosure Statement--PTO 1449 (modified)